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CS470: Full Stack Development II

Southern New Hampshire University

Prof. Watson

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Link to presentation: https://youtu.be/OTPQ-BW48js

CS 470 Final Reflection

Experiences and Strengths

This course has provided essential and interesting information to help me excel in my future career. For example, the course taught me the importance of using tools like Docker, GitHub, and AWS services. Knowing these tools by putting them into practice will make me a potential candidate for any job, especially in cloud computing. But I think the AWS services skills I learned will give me more opportunities; for example, API Gateway, Lambdas, DynamoDB, and S3.

My strengths as a software developer are that I'm very persistent and like to strive in all my projects. Having just finished this course and the previous course in full-stack development can open doors to starting my career, perhaps as an entry-level application developer.

Planning for Growth

There are various ways that serverless may be used to efficiently manage and scale an application. For example, developers do not need to worry about purchasing, provisioning, and managing physical backend servers with a serverless architecture. However, to handle scaling, a scaling strategy must outline key milestones one to ten years down the line. And to handle error handling, we can use AWS services like lambdas and IAMs and perform our testing. To predict costs using a serverless architecture, we can plan the number of functions and the time it takes to execute our code. This way, we can pay only for what we use. However, when serverless is compared to containers, serverless services will likely be more expensive since we're offloading maintenance and management services to a vendor.